

First Editions®

Light-O-Day® Hydrangea Culture Sheet



First Editions® Light-O-Day® Hydrangea *Hydrangea macrophylla* 'Bailday'

Deciduous/Evergreen: Deciduous

Northern/Midwest Region Container Production

pH: 7 **EC:** 1.0-2.0 for MN and 2.2-2.7 for IL

Hardiness: Zone 5-9

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| Fertilization Requirements | In MN, incorp (17-3-10) is used at planting at 10 lbs per yard. Top dress in second season with 22-3-8 at 15 grams per container unit at MN location. (1 unit= 1 gallon) At the IL location, 6 month incorp is used at time of planting. |
| Overwintering Practices and Temperatures | Plants are consolidated, tipped, and covered with poly and sudan. Temperatures remain at 18-20°F. At the IL location, plants are consolidated into hoop houses. Temperatures are greater than 10°F. |
| Light Levels | Full sun to part shade |
| Water Requirements | Medium to high water requirements. Water 1" per day; adjust as needed based on size of plant and temperatures. |
| Planting Season | Bareroot and plugs are planted in spring. Plugs and quarts are planted in summer. Field dug plants are planted in fall. March 15th-September 1st. |
| Propagation Method and Notes | Stick softwood cuttings in a 38 plug/quart. Cuttings are stuck around August 1st and overwintered in a greenhouse at 27°F. |
| Pest/Disease Management | Leaf spot has been observed. Use general fungicide once humid conditions persist. |
| PGR Application | No experience with PGRs. |
| Flowers on new or old wood | Blooms on new wood. |
| Special Notes | Needs frost protection in spring and fall. In spring, plants can be fully green but variegation will develop with more heat. |

Estimated Finishing Times

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| Liner Size | #2 container |
| LO (38) plug | Finish in 17-18 weeks. |
| Bareroot | Finish in 10-11 weeks using 1 year liner. |
| Jumpstarts™ | Finish in 12-13 weeks. |

Pacific Northwest Region Container Production

pH: 6-6.5 **EC:** 1-1.5 **Hardiness:** Zone 5-9

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| Fertilization Requirements | 8 month (18-6-11) incorp is used at time of planting. |
| Overwintering Practices and Temperatures | Plants are left spaced, outside in growing lines. Overwintering temperatures are greater than 15°F. |
| Light Levels | Full Sun to part shade. |
| Water Requirements | High water requirements. Water approximately 1" per day; depending on plant size and temperatures. |
| Planting Season | Bareroot planting occurs in fall and plug planting occurs in spring. |
| Propagation Method and Notes | Softwood cuttings are taken throughout the growing season. Root easily. Dip cuttings in 1000 ppm IBA. Keep cuttings under intermittent mist for 4-5 weeks. |
| Pest/Disease Management | No pests have been observed. |
| PGR Application | No experience with PGRs. |
| Flowers on new or old wood | Blooms on new wood. Pruning stops around August 15th for the plant to develop and set terminal flower buds. |
| Special Notes | Needs frost protection in spring and fall. In spring, plants can be fully green but variegation will develop with more heat. |

Estimated Finishing Times

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| Liner Size | #2 container |
| LO (38) plug | Finish in 1 year with a flush. |
| Bareroot | Finish in 10 growing weeks using #1 liner. |

Edited 3/17/17

Note: The information presented should be considered as a starting point for best practices. Production times and product applications will vary depending on the growing region and conditions. It is the responsibility of the applicator to follow all current manufacturer label directions in a responsible manner.